

Valery Pugatch

List of Publications by Year in descending order

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Version: 2024-02-01

173
papers

5,772
citations

76196

40
h-index

95083

68
g-index

175
all docs

175
docs citations

175
times ranked

7221
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for massive long-lived particles decaying semileptonically at $\sqrt{s}=13$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
2	Colliding and Fixed Target Mode in a Single Experiment – A Novel Approach to Study the Matter under New Extreme Conditions. Particles, 2022, 5, 245-264.	0.5	0
3	Search for long-lived particles decaying to $e^\pm \mu^\pm \nu$. European Physical Journal C, 2021, 81, 1.	1.4	9
4	Search for heavy neutral leptons in $W \rightarrow \mu^+ \mu^- \nu$, $\nu \rightarrow \mu^\pm \nu$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
5	Search for the rare decay $B \rightarrow J/\psi \mu^+ \mu^-$. Chinese Physics C, 2021, 45, 043001.	1.5	2
6	First measurement of the CP-violating phase in $B^0 \rightarrow \psi(3700) \mu^+ \mu^-$. Physical Review Letters, 2021, 126, 111801.	1.4	2
7	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV, ν . European Physical Journal C, 2020, 80, 1.	1.4	17
8	Search for CP violation in $\chi_{c1} \rightarrow p \bar{K} \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
9	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
10	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
11	Challenges in QCD matter physics – The scientific programme of the Compressed Baryonic Matter experiment at FAIR. European Physical Journal A, 2017, 53, 1.	1.0	222
12	Study of charmonium production in b -hadron decays and first evidence for the decay $B^0 \rightarrow \phi \phi \phi$. European Physical Journal C, 2017, 77, 609.	1.4	17
13	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^- K_S^0 \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
14	Characterization of equipment for shaping and imaging hadron minibeam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 872, 119-125.	0.7	2
15	Observation of the suppressed decay $B^0 \rightarrow \mu^+ \mu^- \pi^+ \pi^-$. Journal of High Energy Physics, 2017, 2017, 1.		15
16	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
17	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
18	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
19	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
20	Radiation tolerance studies of silicon microstrip sensors for the CBM Silicon Tracking System. Journal of Physics: Conference Series, 2016, 668, 012117.	0.3	0
21	A precise measurement of the $B^0 \rightarrow B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
22	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
23	Observations of $\bar{b} \rightarrow \bar{c} \ell \nu$ and $\bar{b} \rightarrow \bar{c} \ell \nu$ decays and searches for other $\bar{b} \rightarrow \bar{c} \ell \nu$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
24	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
25	Observation of $\bar{b} \rightarrow \bar{c} \ell \nu$ and $\bar{b} \rightarrow \bar{c} \ell \nu$ decays and a measurement of the $\bar{b} \rightarrow \bar{c} \ell \nu$ baryon. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
26	Production of associated Y and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
27	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
28	Measurement of the ratio of branching fractions $\bar{B} \rightarrow \bar{c} \ell \nu$ and $\bar{B} \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
29	Measurement of forward W $\rightarrow e \nu$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
30	Measurement of the CKM angle $\hat{\Gamma}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
31	Measurements of the S-wave fraction in $B \rightarrow \bar{c} \ell \nu$ and $B \rightarrow \bar{c} \ell \nu$ decays and the $B \rightarrow \bar{c} \ell \nu$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
32	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B \rightarrow \bar{c} \ell \nu$ decays with $D \rightarrow \bar{c} \ell \nu$ and $K \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
33	Differential branching fraction and angular moments analysis of the decay $B \rightarrow \bar{c} \ell \nu$ in the $K_{0,2}^*$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
34	Study of D_{s1}^* mesons decaying to $D^* \rightarrow \bar{c} \ell \nu$ and $D^* \rightarrow \bar{c} \ell \nu$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
35	Study of $\bar{\Gamma}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
36	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100

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37	First observation of the decay $B_s^0 \rightarrow K^+ K^- (892)^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
38	Observation of the $B_s^0 \rightarrow \bar{D}^+ D^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
39	Angular analysis of the $B^0 \rightarrow K^{*0} \rho^+ \rho^-$ decay using 3 fb^{-1} of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
40	Shaping and monitoring of the mini-beam structures for the spatially fractionated hadron radiation therapy. Nuclear Physics and Atomic Energy, 2016, 17, 92-97.	0.2	1
41	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^- \bar{D}^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
42	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
43	Search for the $\bar{b} \rightarrow b \gamma$ and $\bar{b} \rightarrow b \gamma^*$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	156
44	Measurement of the exclusive Υ production cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ and 8 TeV . Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
45	Measurement of the $B_s^0 \rightarrow \bar{D}^+ D^-$ branching fraction and search for the decay $B^0 \rightarrow \bar{D}^+ D^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
46	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ and 8 TeV . Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
47	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
48	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow \bar{D}^+ D^- K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
49	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
50	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
51	Measurement of forward Z $\rightarrow e^+ e^-$ production at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
52	Search for the decay $B_s^0 \rightarrow \bar{D}^+ D^- (980)^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
53	Measurement of forward J/ ψ production cross-sections in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
54	Angular analysis and differential branching fraction of the decay $B_s^0 \rightarrow \bar{D}^+ D^- \rho^+ \rho^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	191

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55	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
56	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
57	Determination of the branching fractions of $B \rightarrow S O \rightarrow K^* K^*$ and $B \rightarrow O \rightarrow K^* K^*$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
58	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
59	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
60	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
61	Search for the lepton flavour violating decay $\tilde{l}_i \rightarrow \tilde{l}_j + \tilde{l}_k + \tilde{l}_l$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
62	Precise measurements of the properties of the $B_1(5721)^{0,+}$ and $B_2^*(5747)^{0,+}$ states and observation of $B_{1,2} \rightarrow \rho^0 \pi^{\pm}$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
63	Measurement of the $\eta_c(1S) \rightarrow c \bar{c} (1S)$ production cross-section in proton-proton collisions via		

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73	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
74	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^0$ and $K_{\text{S}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
75	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{K}^* (892)^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
76	Angular analysis of charged and neutral $B \rightarrow K_{\text{S}}^0 \pi^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
77	Evidence for the decay $B_{\text{c}}^+ \rightarrow \pi^+ \pi^0 \pi^0$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
78	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
79	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
80	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{\text{NN}}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
81	Observation of the $\bar{b} \rightarrow 0 J/\psi \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
82	Observation of the $B_s^0 \rightarrow J/\psi K_S^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
83	Study of the kinematic dependences of $\bar{b} \rightarrow 0$ production in pp collisions and a measurement of the $\bar{b} \rightarrow 0 \pi^0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
84	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
85	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
86	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	1.4	30
87	Position-sensitive coincidence detection of nuclear reaction products with configurable array of Timepix detectors. , 2014, , .		0
88	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{K}^* \pi^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
89	Search for CP violation in $D^+ \rightarrow \bar{K}^0 \pi^+$ and $D_s^+ \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
90	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65

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91	Measurement of the $B^0 \rightarrow K^+ e^- e^+$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
92	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
93	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	1.6	89
94	Measurement of CP observables in $B^0 \rightarrow DK^+ K^-$ with $D \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
95	Measurement of the cross-section for $Z \rightarrow e^+e^-$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	53
96	Differential branching fraction and angular analysis of the $B^+ \rightarrow K^+ \Lambda_c^+ \Lambda_c^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
97	Measurement of J/ψ production in pp collisions at $\sqrt{s}=2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
98	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
99	Measurements of the branching fractions of $B^+ \rightarrow p \bar{p} K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
100	First measurement of time-dependent CP violation in $B_{s^0} \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
101	Measurement of the relative rate of prompt $\bar{c} \rightarrow c$, $\bar{c} \rightarrow c$ and $\bar{c} \rightarrow c$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
102	Study of D meson decays to $D \rightarrow \bar{c} \bar{c}^*$, $D \rightarrow c c^*$ and $D \rightarrow \bar{c} c^*$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
103	First observation of the decay $B_c^+ \rightarrow J/\psi \left[\psi(K^+) \right]$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
104	Searches for $B_{(s)}^0 \rightarrow J/\psi \left[\psi(p) \right] \bar{p}$ and $B^+ \rightarrow J/\psi p \bar{p}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
105	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ \Lambda_c^+ \Lambda_c^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
106	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
107	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
108	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50

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109	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7 \text{ TeV}$. European Physical Journal C, 2013, 73, 2631.	1.4	117
110	Observation of the decay $B_c^+ \rightarrow J/\psi K + K \bar{\nu}_e$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
111	First observation of the decay $B_s^0 \rightarrow \phi \bar{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
112	Search for the rare decay $K_S^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
113	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7, \text{ TeV}$ using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
114	Measurement of the B_{\pm} production cross-section in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
115	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7, \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
116	Measurement of the isospin asymmetry in $B \rightarrow K^{*0} \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2012, 2012, 165		
117	Measurement of the fraction of $\Lambda(1520)$ originating from $\Lambda_b(5620)$ decays in pp collisions at $\sqrt{s}=7, \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
118	First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^+ \pi^-$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
119	Measurement of $\psi(2S)$ meson production in pp collisions at $\sqrt{s}=7 \text{ TeV}$. European Physical Journal C, 2012, 72, 2100.	1.4	83
120	Measurement of relative branching fractions of B decays to $\psi(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
121	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9 \text{ TeV}$ and 7 TeV . European Physical Journal C, 2012, 72, 1.	1.4	26
122	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
123	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
124	Metal micro-detector TimePix imaging synchrotron radiation beams at the ESRF Bio-Medical Beamline ID17. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 682, 8-11.	0.7	6
125	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ in the forward region. European Physical Journal C, 2012, 72, 1.	1.4	30
126	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	153

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127	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
128	Measurement of Υ' production in pp collisions at $\sqrt{s}=7\text{-TeV}$. European Physical Journal C, 2012, 72, 2025.	1.4	106
129	Observation of double charm production involving open charm in pp collisions at $(\sqrt{s} = 7)\text{TeV}$. , 2012, 2012, 1.		2
130	Metal and hybrid TimePix detectors imaging beams of particles. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 194-197.	0.7	7
131	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7\text{ TeV}$. European Physical Journal C, 2011, 71, 1.	1.4	238
132	Measurement of V0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
133	First operational experience from the LHCb Silicon Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 636, S182-S184.	0.7	0
134	Performance of the LHCb Silicon Tracker in p - p collisions at the LHC. , 2011, , .		0
135	Metal Micro-detectors for Radiation therapy instrumentation. , 2011, , .		1
136	First experience and results with the LHCb Silicon Tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 538-540.	0.7	0
137	LHCb Silicon Tracker DAQ and ECS Online Systems. IEEE Transactions on Nuclear Science, 2010, 57, 569-576.	1.2	3
138	Production of the charmonium states χ_{c1} χ_{c2} in proton nucleus interactions at $\sqrt{s}=41.6\text{ GeV}$. Physical Review D, 2009, 79, .	1.6	21
139	Angular distributions of leptons from J/ψ 's produced in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 517-524.	1.4	32
140	Kinematic distributions and nuclear effects of J/ψ production in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	1.4	64
141	V0 production in p+A collisions at $\sqrt{s}=41.6\text{ GeV}$. European Physical Journal C, 2009, 61, 207-221.	1.4	3
142	LHCb Silicon Tracker DAQ and DCS online systems. , 2009, , .		0
143	Micro-strip metal detector for the beam profile monitoring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 531-534.	0.7	9
144	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 103-110.	1.5	3

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145	A Measurement of the $\bar{\Lambda}^0$ to J/ψ production ratio in 920 GeV proton-nucleus interactions. European Physical Journal C, 2007, 49, 545-558.	1.4	43
146	K^*0 and $\bar{J}\psi$ meson production in proton-nucleus interactions at $\sqrt{s}=41.6\text{ext}\{\text{GeV}\}$. European Physical Journal C, 2007, 50, 315-328.	1.4	28
147	Measurement of $D0$, $D+$, $Ds+$ and D^{*+} production in fixed target 920 GeV proton-nucleus collisions. European Physical Journal C, 2007, 52, 531-542.	1.4	33
148	Luminosity determination at HERA-B. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 401-412.	0.7	3
149	LHCb Silicon Tracker Performance Studies. IEEE Transactions on Nuclear Science, 2006, 53, 2440-2445.	1.2	0
150	The LHCb Silicon Tracker Project. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 114-117.	0.5	0
151	Measurement of the Λ^0 production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	1.5	20
152	Measurement of the $\bar{\Lambda}^0$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	1.5	7
153	Improved measurement of the Λ^0 production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73, .	1.5	20
154	Improved measurement of the Λ^0 production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73, .	1.6	14
155	EXPERIMENT AND RADIATION SAFETY AT COLLIDERS. , 2006, , 275-286.		0
156	The LHCb silicon tracker. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 76-80.	0.7	1
157	Limits for the Central Production of Λ^0 and $\bar{\Lambda}^0$ -Pentaquarks in 920-GeV pA Collisions. Physical Review Letters, 2004, 93, 212003.	2.9	70
158	Search for the flavor-changing neutral current decay $\Lambda^0 \rightarrow p e^- \bar{\nu}_e$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 582, 257-261.	1.5	7
159	Metal foil detectors and their applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 566-569.	0.7	4
160	Metal foil detectors and their applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 566-569.	0.7	1
161	Performance of the HERA-B vertex detector system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 501, 39-48.	0.7	19
162	J/ψ production via $\bar{J}\psi$ decays in 920 GeV pA interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	1.5	29

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163	Radiation hardness of the HERA-B double-sided silicon strip detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 116-120.	0.7	3
164	Beam profile imaging target. Nuclear Physics A, 2002, 701, 204-208.	0.6	7
165	Cluster shapes and cluster sizes in the HERA-B silicon vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 469, 147-158.	0.7	3
166	Status of the HERA-B vertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 61-68.	0.7	8
167	The HERA-B vertex detector system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 103-108.	0.7	38
168	The HERA-B vertex detector. IEEE Transactions on Nuclear Science, 2000, 47, 1775-1780.	1.2	1
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